



inventum

TECHNICAL FILE

400L SOLAR BOILER



ARTICLE NO. / DESCRIPTION	CAPACITY	TYPE	MODEL	INSTALLATION
37020400 / INV-SB 400 SOLAR	400L	PRESSURIZED	SOLAR BOILER	FLOOR STANDING

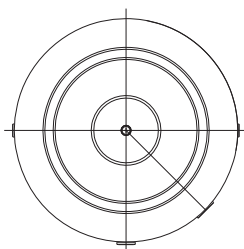
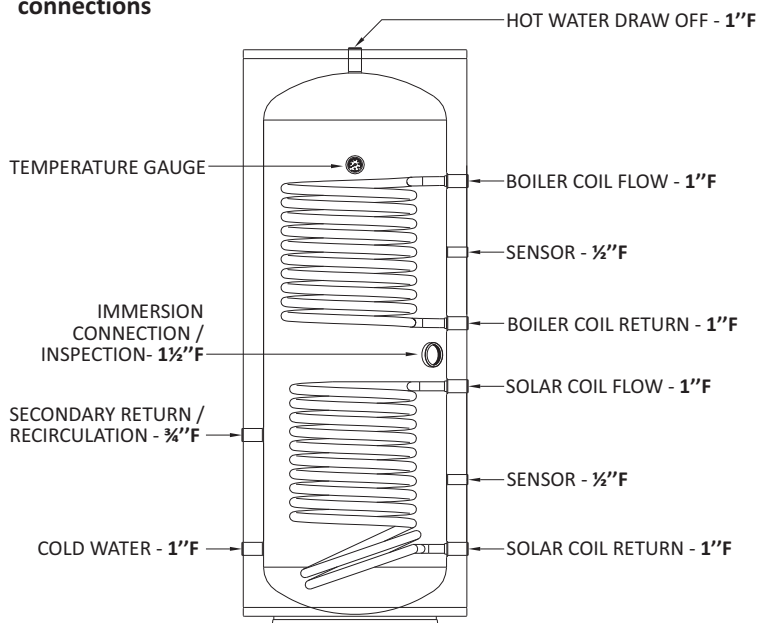
version.5

constructive specifications

capacity	400L
tank material	RVS / tainless steel AISI 444 (EN 1.4521)
thermal insulation	PUR / polyurethane foam 50mm thickness, CFC-Free and HCFC-Free
casing	painted galvanized carbon steel DX51D
temperature gauge	0 - 120°C
coils material	RVS / stainless steel AISI 316L
bottom coil surface area	1,65m ²
bottom coil kW rating output 85/65°C	50kW
top coil surface area	0,95m ²
top coil kW rating output 85/65°C	29kW
volume heated by top coil	164,8L
max. operating pressure	8bar (0,8MPa)
test pressure	12bar (1,2MPa)
maximum working temperature	90°C
heating element (optional)	immersion connection 1½"
weight (empty)	111kg / 510kg
heat losses	102W (EN 12897)
ErP class	C
internal code	68.400.DS.01C

connections and dimensions

connections



dimensions

